METHODS AND APPARATUS FOR POOLING AND DEPOOLING THE TRANSMISSION OF STREAM DATA

5 ## ABSTRACT OF THE DISCLOSURE

Mechanisms and techniques provide a system that can transmit stream data in a computer network. The system can identify at least two packets of stream data that are destined to a common location in a computer network and can form a pooled packet of
10 stream data using the packets of stream data. The system can then transmit the pooled packet to the common location in the computer network thus avoiding having the transmit each packet of stream data separately. In another configuration, the system can receive a pooled packet of stream data containing a representation of at least two packets of stream data. The system can detect if the pooled packet of stream data contains at least
15 one packet of stream data that is to be extracted from the pooled packet of stream data. If the packet of stream data is to be extracted from the pooled packet, the system can extract the packet of stream data from the pooled packet and can transmit the extracted packet of stream data to a destination associated with the packet.